# NFC & BLUETOOTH Mobile Reader

- Fewer items to carry open the door with your mobile phone
- Cards lost or forgotten are no longer a problem
- Compatible with iOS® and Android™ based smartphones.
- Activate with a "Tap" or "Twist and Go" gesture to open doors easily
- Deliver Credentials via Email
- Revoke and Re-use Credentials at any time
- Manage mobile access via your access control system











# **Mobile Reader**

Mobile Access® opens doors in a whole new way. With patented gesture technology, just twist the mobile device upon approaching a door or parking gate for seamless access.

Rarely misplaced and consistently in hand, the mobile device has become the most valued technology we own. Mobile Access merges security with convenience by storing secure identities on smartphones for opening doors and gates. This powerful solution enables Android or iOS phones to communicate with readers using a close-range "Tap" mode, or from a distance with Twist and Go" mode.



Active feedback including vibration and sound enhances the user experience when opening doors.

Mobile Access makes managing access control easy. As well as the usual ability to enable or disable access from Doors Enterprise you can also manage Mobile IDs though a robust online portal.

Send invitations and provision or revoke Mobile IDs over-the-air. No physical encoding, printing or returns are necessary

### RI F

Bluetooth Low Energy offers a wide, but still manageable,



communication range between a smartphone and a reader. It offers an increase in convenience when compared to some short-range RFID smartcards. BLE is supported on most Android and iPhone smartphones. Which makes it a technology that most people can utilize.

## **NFC**

Near Field Communication (NFC) offers short range communication of the registered device ID. This option is not available to iPhone users.

# **Specification**

### **Electrical**

Operating Voltage Range 5-16 VDC
Peak Current 250mA
Average Current 50mA
Frequencies 125KHz
13.56 MHz
2.4 GHz

Cable Distance (Max) 100m

# **Mobile Device requirements**

Android 4.4 and later
Apple iOS iOS 7.0 and later
Bluetooth V4.0 and later

Range

Tap Mode 0 to 10cm Twist & Go Mode up to 200cm

**Environment** 

Operating Temperature -20 to 65°C Operating Humidity 0 to 95%

Reader

Material Polycarbonate
Power Supply 5 – 16 VDC
Current Requirements 240mA PEAK
Temperature Range -25°C to 65°C
Operating Humidity 5% to 95% non-

condensing

Cable Distance 100m

Dimensions 4.8 x 10.3 x 2.3 cm
Termination 18" Pigtail or Terminal

# **Product Codes**

Description	Code
Mobile Reader	4720
Mobile Reader & Prox or iCLASS	4721
Mobile Reader & Biometric	4750
Mobile Credentials (MOQ 100)	4701



# **Supported Devices**

# **Android & iOS**

Android 4.3+ with Bluetooth 4.0

### Android 4.4+ with NFC

- Google Nexus 5
- Samsung Galaxy Note 3, S4, S4 Plus, S5
- Sony Xperia Z2
- HTC One

### iOS7+ with Bluetooth 4.0

- iPhone: 4S, 5, 5C, 5S
- iPad: Air, Mini, 3rd & 4th gen
- iTouch



Credentials can be sent to anyone with a smart mobile device. They can also be revoked and reused.

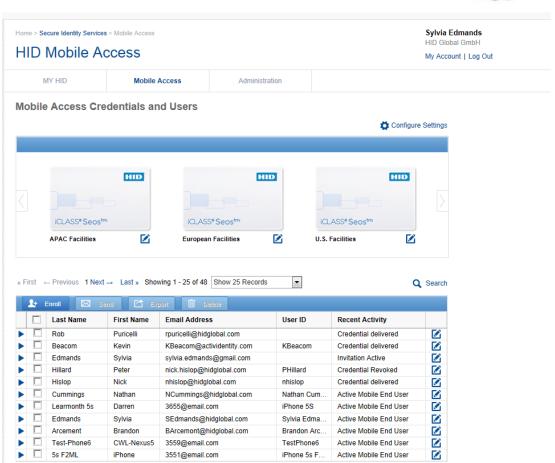
















# **Credentials Sent by Email**

Administrator manages users, issues/revokes Mobile IDs via the Secure Identity Services portal

The email contains everything the user needs to install the app and load the credential.

App includes user videos on how to use the mobile credential on the mobile device.



# Use mobile credentials

Tap or Twist & Go to send credential ID to the reader.

Tap (0 to 10 cm):

- Rooms
- Turnstiles
- Two Factor

Twist & Go (0 to 2m):

- Garages
- Entrance gates
- Warehouses
- Remote Buildings





# Switch Plate Reader & Keypad

Available with Pigtail or Terminal Block connections

- Surface mount
- Ave Current 75mA
- Peak Current 250mA
- Temp Min -35 Deg C
- Temp Max +66 Deg C
- IP 65, IK 09
- H: 122 W: 80 D: 22 (mm)

